



NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

# EXECUTIVE DIRECTOR'S REPORT

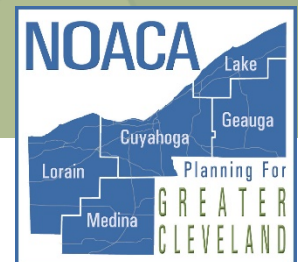
Executive Committee  
August 23, 2019



# LEGISLATIVE AND ADVOCACY ISSUES

## U.S. House approves \$5 M for future Hyperloop planning oversight

- Transportation/HUD funding bill earmarked \$5M to create a regulatory framework within U.S. DOT for hyperloop projects
- Demonstrates that Congress recognizes the role hyperloop will play in the nation's future transportation system
- Funds develops safety and environmental standards for hyperloop projects
- U.S. Representative Marcy Kaptur (OH-09) worked on the legislation to secure this funding



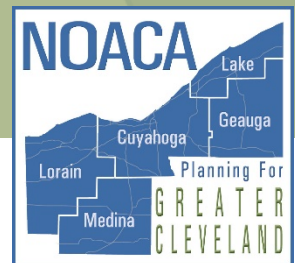


# LEGISLATIVE AND ADVOCACY ISSUES



## INFRA Grant Application – Irishtown Bend

- NOACA received grant award from U.S. Department of Transportation for \$9.02 M
- Grace Gallucci attended award ceremony in Washington D.C. on 7/25 and met with Transportation Secretary Elaine Chao
- USDOT received 200 application requests totaling \$9.8 million and only 20 applications were awarded funding



# ANNOUNCEMENTS

## Upcoming Events

- NOACA Annual Meeting, September 13, 2019
- Global Center for Health Innovation
- Keynote Speaker: Mark Jennings-Bates, Sky Driving Aviation



*Topic:*  
“The Era of the Jetsons:  
The Future of Flying Cars”







NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

# **FY 2019 OVERALL WORK PROGRAM COMPLETION REPORT**

**Executive Committee  
August 23, 2019**

# ACTION REQUESTED

Request that the Executive Committee place the following item on the September 2019 Board of Directors' agenda.

- 2019 OWP Completion Report

## PREVIOUS ACTION

Board approval of the FY 2019 Overall Work Program in June 2018



# BACKGROUND

A comparison of performance against established goals

- Progress in meeting schedules
- Status of expenditures including cost over or underruns
- Approved work program revisions



# BACKGROUND

**31 projects - OWP average project completion rate is 97%**

- 20 were 100% completed
- 8 were 90%-99% complete
- 3 were less than 90% complete

**114 work products/tasks**

- 93 were 100% complete
- 9 were 90-99% complete
- 2 were 80-89% complete
- 3 were 70-79% complete
- 7 were less than 70% complete



# BACKGROUND

**Approximately 83% of budget expended:**

- **Approximately \$606,000 in unspent Consolidated Planning Grant (CPG) funds will be carried forward for FY 2020 projects and completion of FY 2019-encumbered contracts.**



# **GREAT LAKES HYPERLOOP: CONTRACT AMENDMENT**

**Executive Committee  
August 23, 2019**



# ACTION REQUESTED

Request that the Executive Committee place the following item on the September 2019 Board of Directors' agenda.

- Amend the budget from \$650,000 to \$750,000 and amend the Transportation Economics & Management Systems, Inc. (TEMS) contract for The Great Lakes Hyperloop Feasibility Study in the amount of \$84,600; and to extend the contract term to December 31st, 2019

## PREVIOUS ACTION

- Resolution 2018-019 awarded a contract to TEMS for the development of the Great Lakes Hyperloop Feasibility Study; Resolution 2019-028 amended the contract with TEMS



# BACKGROUND

The Board of Directors, through Resolution 2019-028, amended the contract with TEMS for the extension of the corridor from Youngstown to Pittsburgh

- Contract amended to \$585,485
- Contract time extended to October 31, 2019
- Minimalist approach to limit the funding needed

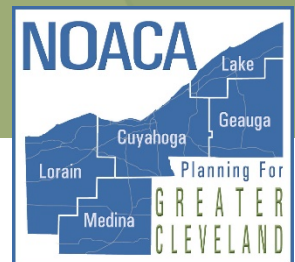


# BACKGROUND

## Since Last Meeting...

- NOACA received a grant from the Richard King Mellon Foundation in the amount of \$100,000
  - Allows a more detailed analysis of the entire corridor
  - Second Cleveland-Pittsburgh Corridor
  - Cleveland, Chicago, Pittsburgh Station Analysis
  - Less Than Truck Load Mode Split Analysis
  - Project Meetings

Richard  
King  
Mellon  
Foundation



# BACKGROUND

Description	Amendment Amount	Budget Amount
Original Great Lakes Hyperloop Budget		\$650,000
RK Mellon Foundation Grant	\$100,000	
Revised Budget Amount		\$750,000

Description	Amendment Amount	Contract Amount
Original TEMS Contract		\$550,092
TEMS Contract Amendment Extending Corridor to Pittsburgh	\$35,393	\$585,485
Additional Tasks for Refinement of Analysis	\$84,600	
Revised TEMS Contract Amount		\$670, 085
Revised TEMS Contract Extended to December 31, 2019		







# **PROJECT PLANNING REVIEW(PPR)/INTERGOVERNMENTAL REVIEW AND CONSULTATION (IGRC)**

## **1<sup>ST</sup> QUARTER STATE FISCAL YEAR 2020**

### **Executive Committee**

### **August 23, 2019**

# ACTION REQUESTED

Request the Executive Committee place the following item on the Board of Directors' agenda for September 2019:

- 1<sup>st</sup> Quarter SFY 2020 Project Planning Review for:
  - items 4.c.i. – iii. unless individual action is required

## PREVIOUS ACTION

- Presented to the Transit, Bicycle Pedestrian Advisory and Safety Operations Councils (SOC) for information and input.
- Presented to the Business, Community and Rural Advisory Councils for information and input.
- Recommended by the Transportation Subcommittee and the Planning and Programming Committee.

# BACKGROUND

## Projects not requesting NOACA funds

### Reconstruction of Aurora Road in Solon

Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	CUY SR 43 (Aurora Road), from the Solar Shopping Center, 0.13 mile east of SR-91 (SOM Center Road) to Liberty Road, in Solon (project sponsor: Solon)	<p>Improvements:</p> <ul style="list-style-type: none"><li>• Pavement resurfacing</li><li>• Minor widening<ul style="list-style-type: none"><li>• Addition of two way left turn lane (2 lanes to 3 lanes)</li><li>• Right turn lanes at Clearwater Court, Portz Parkway, and Liberty Road</li><li>• Right turn lane on Liberty Road SB to Aurora Road WB</li></ul></li><li>• New traffic signal at Portz Parkway</li><li>• South Side: 10' Multi-use path</li><li>• North Side: Bike lane westbound, 5' sidewalk</li><li>• Also includes new water line, storm sewer</li></ul> <p>Purpose: To reduce congestion related crashes along the corridor and improve operation.</p>	<p>\$8.1M (HSIP &amp; Solon)</p> <ul style="list-style-type: none"><li>• PEPD - \$65k (2019)</li><li>• PEDD - \$11k (2019)</li><li>• RW - \$450k (2020)</li><li>• CO - \$7.1M (2021)</li><li>• CE - \$490k (2021)</li></ul>

# BACKGROUND

## Projects not requesting NOACA funds

Bridge Painting on IR-480 and SR-10 (Lorain Road) in Cleveland and Fairview Park

Project Type	Project Name and Location	Primary Work Type	Total Cost
Bridge	CUY IR 480 over the Rocky River and SR 10 (Lorain Road), over the Rocky River, in Cleveland and Fairview Park (project sponsor: ODOT)	Improvements: <ul style="list-style-type: none"><li>• Painting the structural steel of the bridges</li></ul>	\$34.5M (Major Bridge funds, Interstate Maintenance funds and ODOT) <ul style="list-style-type: none"><li>• CO - \$30.0M (2020)</li><li>• CE - \$4.5M (2020)</li></ul>



# BACKGROUND

## Projects not requesting NOACA funds Laketran Electric Bus

Project Type	Project Name and Location	Primary Work Type	Total Cost
Transit	Laketran Bus Replacement (project sponsor: Laketran)	Improvement: <ul style="list-style-type: none"><li>• Replace fixed route diesel bus with zero-emissions battery electric bus</li></ul>	\$783K (Diesel Emission Reduction Grant (DERG) & Laketran)



# **PLAN AND TIP AMENDMENTS FOR 1<sup>ST</sup> QUARTER STATE FISCAL YEAR 2020**

**Executive Committee  
August 23, 2019**

# ACTION REQUESTED

Request the Executive Committee place the following item on the Board of Directors' agenda for September 2019:

- 1<sup>st</sup> Quarter SFY 2020 Plan and TIP Amendment for:
  - items 4.d.i. – iii. unless individual action is required

## PREVIOUS ACTION

- Recommended by the Transportation Subcommittee and the Planning and Programming Committee.

# BACKGROUND

## Concurrent Plan and TIP Amendment

- Contingent upon completion of Project Planning Review (PPR) and conditions of approval addressed

## Project to be programmed without NOACA funds

Project Type	Project Name and Location	Primary Work Type	Total Cost
Roadway	<p>CUY SR 43 (Aurora Road), from the Solar Shopping Center, 0.13 mile east of SR-91 (SOM Center Road) to Liberty Road, \$0.13 mile project sponsor: Solon)</p>	<p>Improvements:</p> <ul style="list-style-type: none"> <li>Pavement resurfacing</li> <li>Minor widening                             <ul style="list-style-type: none"> <li>Addition of two way left turn lane (2 lanes to 3 lanes)</li> <li>Right turn lanes at Clearwater Parkway, and Liberty Road</li> <li>Right turn lane on Liberty Road SB to Aurora Road WB</li> </ul> </li> <li>New traffic signal at Portz Parkway</li> <li>South Side: 10' Multi-use path</li> <li>North Side: Bike lane westbound, 5' sidewalk</li> <li>Also includes new water line, storm sewer</li> </ul> <p>Purpose: To reduce congestion related crashes along the corridor and improve operation.</p>	<p>\$8.1M (HSIP &amp; Solon)</p> <ul style="list-style-type: none"> <li>PEPD - \$65k (2019)</li> <li>PEPD - \$11k (2019)</li> <li>RW - \$450k (2020)</li> <li>CO - \$7.1M (2021)</li> <li>CE - \$490k (2021)</li> </ul>



# BACKGROUND

Concurrent Plan and TIP Amendment

- Contingent upon completion of Project Planning Review (PPR) and conditions of approval addressed

## Project to be programmed without NOACA funds

Project Type	Project Name and Location	Primary Work Type	Total Cost
Bridge	CUY IR 480 over the Rocky River and SR 10 (Lorain Road), over the Rocky River, in Cleveland and Fairview Park (project sponsor: ODOT)	Improvements: <ul style="list-style-type: none"><li>• Painting the structure and sides of the bridge</li></ul>	\$4.5M (Major Bridge funds, Interstate Maintenance funds and ODOT) <ul style="list-style-type: none"><li>• CO - \$30.0M (2020)</li><li>• CE - \$4.5M (2020)</li></ul>

# BACKGROUND

Concurrent Plan and TIP Amendment

- Contingent upon completion of Project Planning Review (PPR) and conditions of approval addressed

**Project to be programmed without NOACA funds**

Project Type	Project Name and Location	Primary Work Type	Total Cost
Transit	Laketran Bus Replacement (project sponsor: Laketran)	Improvement: <ul style="list-style-type: none"><li>• Replace fixed route diesel bus with zero emission battery electric bus</li></ul>	\$188K (Diesel Emission Reduction Grant (DERG) & Laketran)

Reviewed under agenda item 4-C.



# **SFY 2021 – 2024 TIP PROJECTS RECOMMENDED FOR NOACA FUNDING**

**Executive Committee  
August 23, 2019**

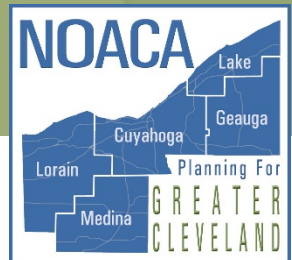
# ACTION REQUESTED

Request the Executive Committee place the following item on the Board of Directors' agenda for September 2019:

- Approval of the projects recommended to be funded with NOACA administered STBG and TAP funds for SFY 2021 – 2024 Transportation Improvement Program (TIP)

## PREVIOUS ACTION

- Recommended by the Planning and Programming Committee
- TIP financials presented to the Finance and Audit Committee August 23, 2019



# BACKGROUND

## NOACA is developing its SFY 2021 – 2024 TIP

### The SFY 2021 - 2024 TIP will:

- Be in effect from July 1, 2020 through June 30, 2024;
- Contain road, bridge, public transit and other transportation projects scheduled for implementation; and
- Includes projects supported by federal funds through NOACA, ODOT and Other Governmental Units (Transit Agencies, Metroparks, etc)



# BACKGROUND

**This action represents NOACA allocated funding only**

- Surface Transportation Block Grant (STBG) program
  - Transportation Alternatives (TAP)
  - Congestion Mitigation and Air Quality (CMAQ)
- 
- Approximately 700 projects were identified through a comprehensive planning process
    - More than \$1B needed for implementation
    - Needs far exceed the \$119 M funding available

# BACKGROUND

## Project recommendations

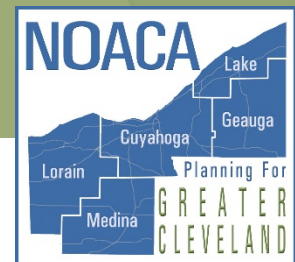
- **Used approved methodology to filter and prioritize**
  - 94 new projects recommended
  - \$119.8 M in NOACA STBG and TAP program funding
  - 50 different communities
- **Assumptions**
  - 2% estimated annual growth as received under FAST Act
  - 10% available annually based on historic averages of increased funding due to projects coming in under budget

# BACKGROUND

- Recommendations guided by Urbanized Area population percentages
  - Basis for which funds are allocated to NOACA

	TOTAL \$ RECOMMENDED	NOACA URBANIZED POPULATION	% OF URBANIZED POPULATION	TOTAL \$ BY URBANIZED POPULATION	\$ Difference (Rec vs. Urb Pop)
CUYAHOGA	\$55,636,256	875,860	46.5%	\$55,636,256	\$0
CLEVELAND	\$25,195,629	396,815	21.0%	\$25,195,629	\$0
GEAUGA	\$1,651,475	25,966	1.4%	\$1,651,475	\$0
LAKE	\$13,663,950	215,135	11.4%	\$13,663,950	\$0
LORAIN	\$16,053,895	253,066	13.4%	\$16,053,895	\$0
MEDINA	\$7,568,635	118,900	6.3%	\$7,568,635	\$0
	<b>\$119,769,840</b>	<b>1,885,742</b>		<b>\$119,769,839</b>	

- Projects eligible in both urbanized and rural areas



# BACKGROUND

## Impact of recommended projects:

- 102 miles of roadway improved and enhanced
- 100,000 sq/ft deck area improved for 3 bridges
- 4 miles of streetscape and bike/ped improvements
- 4 rail car replacements
- Irishtown Bend bank stabilization





# **CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM RECOMMENDATIONS**

**Executive Committee  
August 23, 2019**



# ACTION REQUESTED

Request that the Executive Committee place the following item on the Board of Directors' agenda for September 13, 2019:

- Recommended regional priority of projects to be implemented in State Fiscal Years (SFYs) 2024 – 2025 with Congestion Mitigation and Air Quality (CMAQ) program funds

## PREVIOUS ACTION

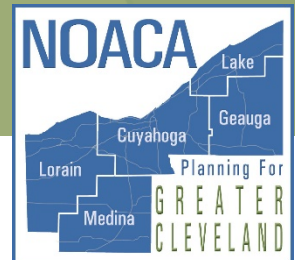
- Applications presented to the Air Quality and Transportation Subcommittees for information and input
- Recommended by the Planning and Programming Committee

# BACKGROUND

- Solicitation of new CMAQ projects was announced in April, 2019 with applications due May, 2019
- Ten applications were received requesting more than \$31.4 million
  - Transit Vehicle Replacements - \$20.4 M
  - Bicycle Facilities - \$4.3 M
  - Alternative Vehicles Charging Stations - \$3.0 M
  - Transit Enhancements - \$1.6 M
  - Intersection Improvements - \$1.4 M
  - Traffic Signal Improvements – \$0.7 M

# BACKGROUND

- Project applications received were evaluated in accordance with the Statewide CMAQ Policy and criteria
- Only criteria NOACA controls is the assignment of regional priorities for requested projects; NOACA controls which successfully scored projects are submitted
- Seven projects totaling \$28.8 million are recommended for submission to the Statewide CMAQ Program Committee for evaluation at their October, 2019 meeting
- Statewide CMAQ Program Committee recommendations will be forwarded to the OARC Executive Directors for final approval at their November, 2019 meeting



# BACKGROUND

## 2019 CMAQ PROJECT RECOMMENDATIONS

County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
CUY	GCRTA	GCRTA 2024-2025 BUS REPLACEMENT PROGRAM	Transit	\$20,750,000	\$16,600,000
LAK	LAKETRAN	LAKETRAN VEHICLE REPLACEMENTS	Transit	\$4,760,000	\$3,808,000
CUY	GCRTA	BLUE AND GREEN RAIL LINE SHELTER IMPROVEMENTS	Transit Facility Upgrade	\$2,000,000	\$1,600,000
REG	NOACA	ELECTRIC VEHICLE CHARGING STATIONS	Alternative Vehicles	\$3,000,000	\$3,000,000
CUY	BEDFORD	RICHMOND ROAD MULTI-PURPOSE FACILITY	Bicycle	\$634,440	\$634,440
LAK	WILLOUGHBY	SR 91-SOM CENTER ROAD MULTI-PURPOSE FACILITY	Bicycle	\$2,537,879	\$1,845,730
CUY	GLENWILLOW	BROADWAY-RICHMOND INTERSECTION RECONSTRUCTION PROJECT	Intersection Improvement	\$1,711,610	\$1,369,288
RECOMMENDED TOTAL				\$ 35,393,929	\$28,857,458

# BACKGROUND

## 2019 CMAQ PROJECTS NOT RECOMMENDED

County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
LOR	LORAIN COUNTY METRO PARKS	SHEFFIELD VILLAGE CONNECTOR	Bicycle	\$ 500,000	\$ 400,000
GEA	CHARDON	CITY OF CHARDON TRAFFIC SIGNAL UPGRADE	Signal	\$ 1,800,000	\$1,422,000
CUY	CLEVELAND METROPARKS	WEST CREEK GREENWAY	Bicycle	\$ 20,750,000	\$16,600,000
NOT RECOMMENDED TOTAL				\$3,927,340	\$2,563,170





# **AVON LAKE/LORCO PHASE I FPA – LORAIN COUNTY FPA MODIFICATION ALONG HAWKE ROAD IN COLUMBIA TOWNSHIP**

**Executive Committee**

**August 23, 2019**

# **ACTION REQUESTED**

**Request that the Executive Committee place the following item on the September 2019 Board of Directors' agenda:**

- **Avon Lake/LORCO Phase I FPA – Lorain County FPA Modification Along Hawke Road in Columbia Township**

## **PREVIOUS ACTION**

**Action recommended by the Planning and Programming and Water Quality Subcommittee**

# BACKGROUND

**Applicant:** Lorain County Rural Wastewater District (LORCO)

**Transfer Area:** One Parcel (1.0 acre)

**Current FPA:** Lorain County FPA

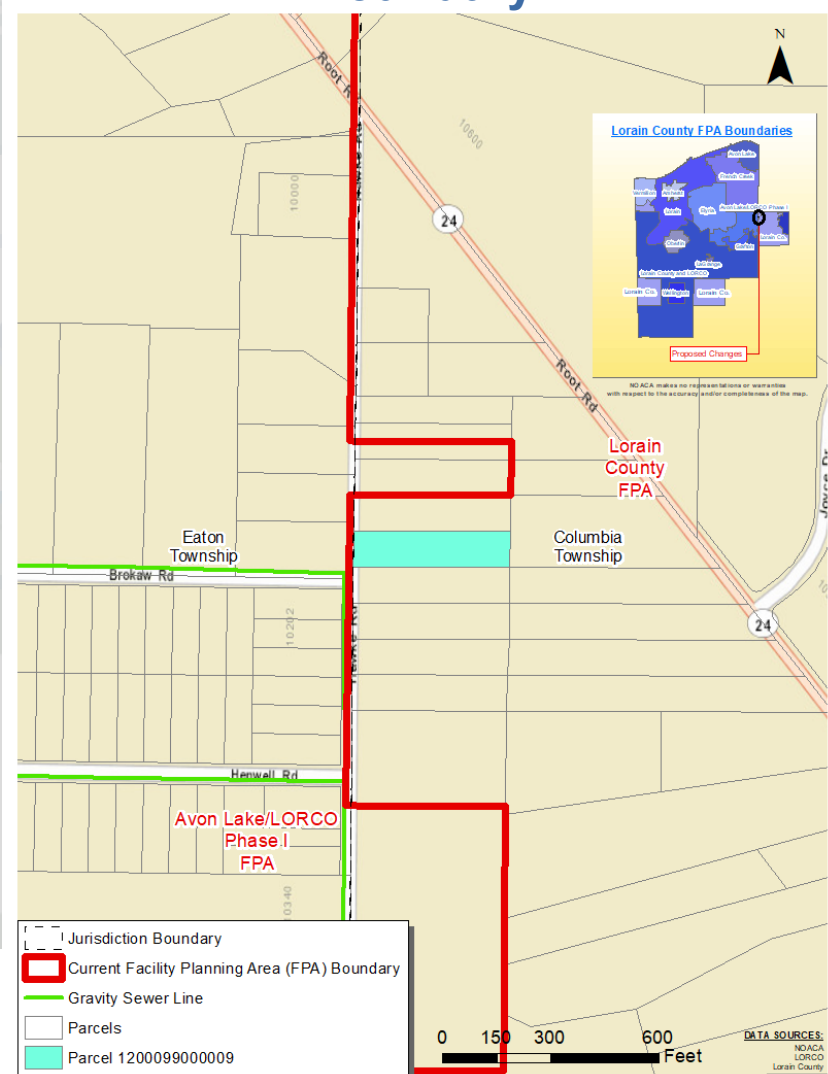
**Proposed FPA:** Avon Lake/LORCO Phase I FPA

**Prescription Change:** None

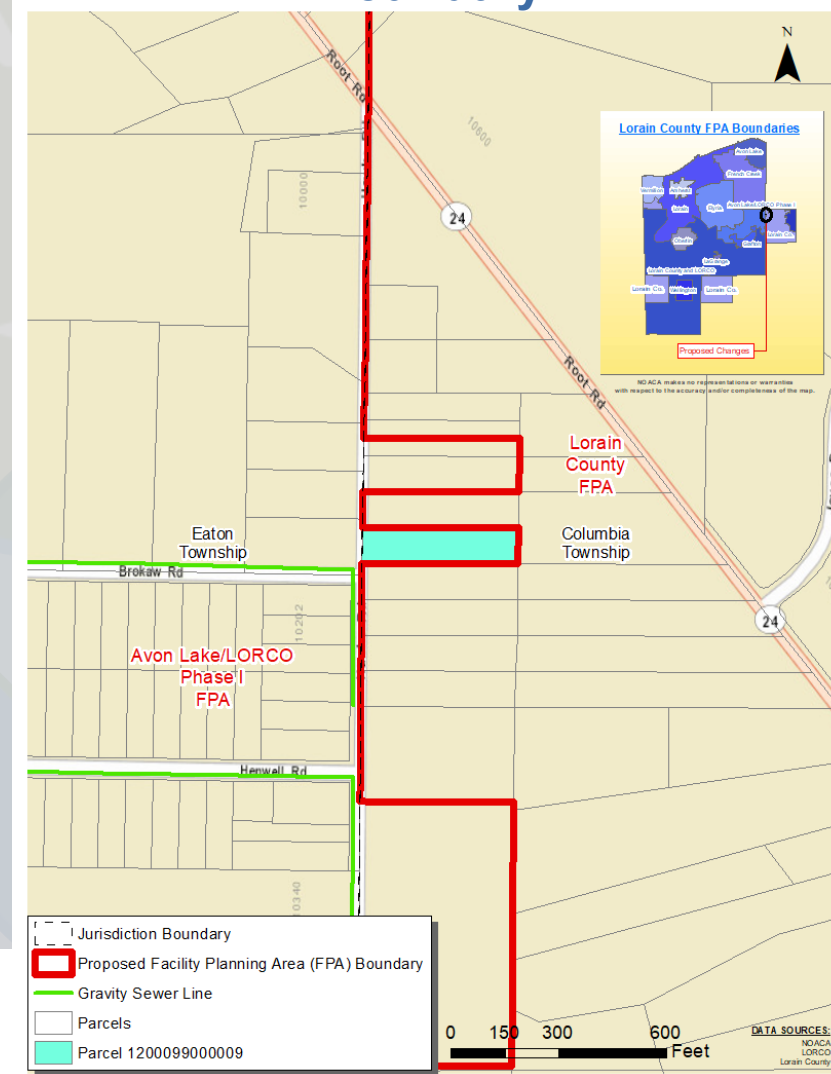
**Affected Parties:** Lorain County, LORCO, City of Avon Lake  
and Columbia Township

# BACKGROUND

## Attachment A: Current FPA Boundary



## Attachment B: Proposed FPA Boundary



# NOTIFICATION REQUIREMENT

- **208 Plan Policy 4-6**
  - Maximum 90-day comment period
  - Applicant must solicit support from all affected jurisdictions
- **Letters of Support from Lorain County, City of Avon Lake and Columbia Township**
  - Fulfills notification requirements
  - Fulfills terms of the Hawke Road Agreement





# **TRANSPORTATION FOR LIVABLE COMMUNITIES INITIATIVE UPDATE**

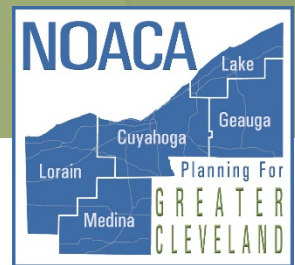
**Executive Committee**

**August 23, 2019**



# 2020 TLCI PROGRAM

- NOACA is focusing on regional studies and is proposing to lead three TLCI studies:
  - Downtown Cleveland Transportation Connectivity Study
  - Regional Metroparks Trails/Transportation Connections Study
  - Regional Lakefront Transportation Connections Study
- NOACA has been requested to do these studies by various communities
- Proposing to accept only Regional TLCI Planning applications and all TLCI implementation applications for the SFY20 TLCI round





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.